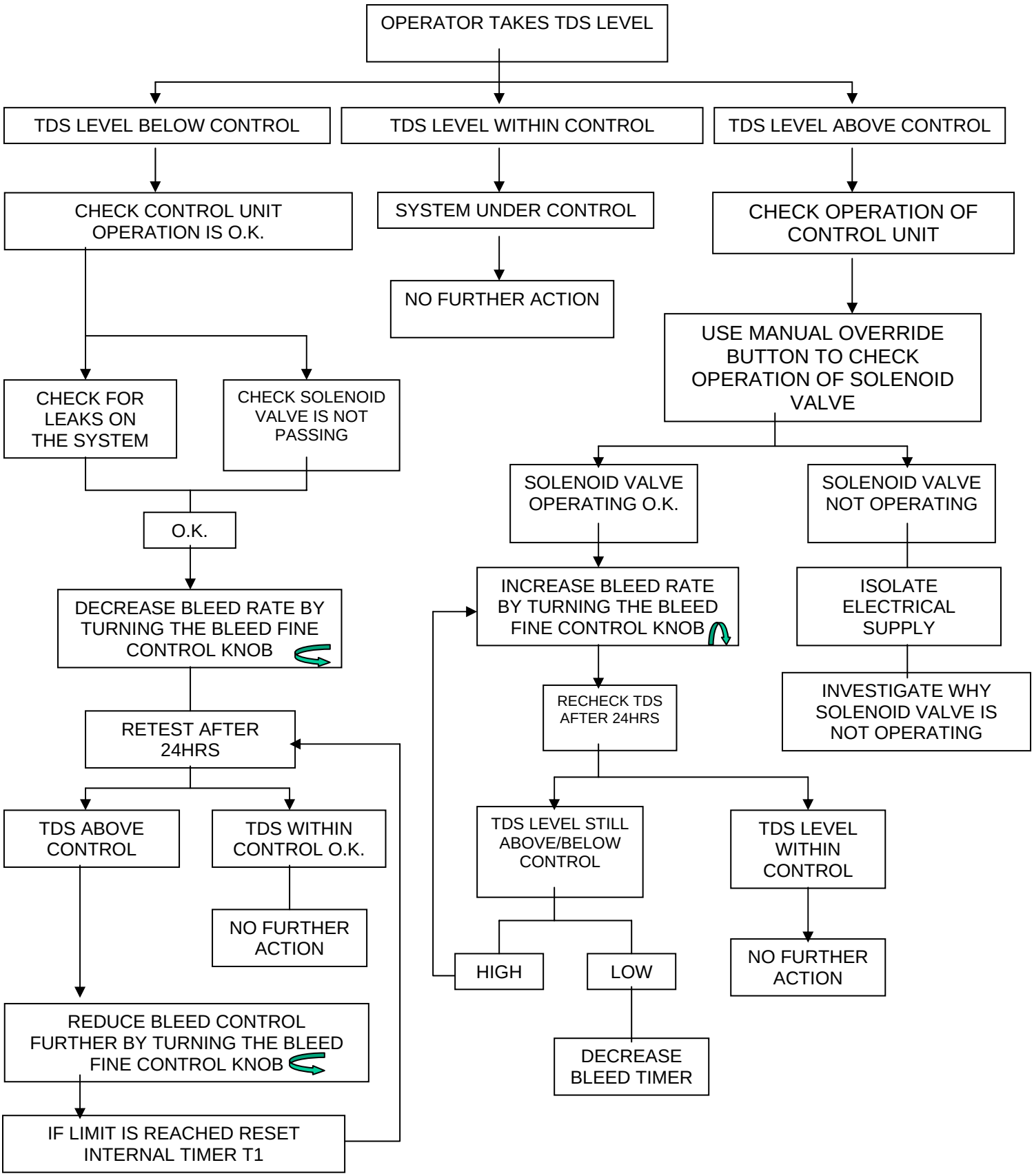
TOTAL DISSOLVED SOLIDS ESCALATION PROCEDURE


OPERATOR TAKES TDS LEVEL
TDS LEVEL BELOW CONTROL
TDS LEVEL WITHIN CONTROL
TDS LEVEL ABOVE CONTROL
CHECK CONTROL UNIT OPERATION IS O.K.
SYSTEM UNDER CONTROL
CHECK OPERATION OF CONTROL UNIT
NO FURTHER ACTION
USE MANUAL OVERRIDE BUTTON TO CHECK OPERATION OF SOLENOID VALVE
CHECK FOR LEAKS ON THE SYSTEM
CHECK SOLENOID VALVE IS NOT PASSING
SOLENOID VALVE OPERATING O.K.
SOLENOID VALVE NOT OPERATING
O.K.
INCREASE BLEED RATE BY TURNING THE BLEED FINE CONTROL KNOB
ISOLATE ELECTRICAL SUPPLY
DECREASE BLEED RATE BY TURNING THE BLEED FINE CONTROL KNOB
RECHECK TDS AFTER 24HRS
INVESTIGATE WHY SOLENOID VALVE IS NOT OPERATING
RETEST AFTER 24HRS
TDS ABOVE CONTROL
TDS WITHIN CONTROL O.K.
TDS LEVEL STILL ABOVE/BELOW CONTROL
TDS LEVEL WITHIN CONTROL
NO FURTHER ACTION
HIGH
LOW
NO FURTHER ACTION
REDUCE BLEED CONTROL FURTHER BY TURNING THE BLEED FINE CONTROL KNOB
DECREASE BLEED TIMER
IF LIMIT IS REACHED RESET INTERNAL TIMER T1